

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

C1
1-19. (Cancelled)

20. (Currently Amended) An array comprising one or more oligonucleotides complementary to reference RNA or DNA encoding a protein selected from the group consisting of: SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 33, 35, 37, 39, 41, 43, 46, 51, 53, 55, 57, 59, 63, 67, 69, 72, 74, and 76, or another mammalian (~~e.g. human~~) homologue thereof, where the reference DNA or RNA sequences are obtained from both a biological sample from a normal subject and a biological sample from a subject exhibiting a cardiac, renal, or inflammatory disease, or from biological samples taken at different stages of a cardiac, renal, or inflammatory disease.

21. (Previously Added) A method for detecting cardiac, kidney, or inflammatory disease in a human test patient comprising the steps of:

providing an array of oligonucleotides at known locations on a substrate, which array comprises oligonucleotides complementary to reference DNA or RNA sequences encoding a human homologue of the protein selected from the group consisting of: SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 33, 35, 37, 39, 41, 43, 46, 51, 53, 55, 57, 59, 63, 67, 69, 72, 74, and 76 where the reference DNA or RNA sequences are obtained from both a biological sample from a normal patient and a biological sample from a patient potentially exhibiting cardiac, renal, or inflammatory disease, or from a test patient exhibiting cardiac, renal, or inflammatory disease, taken at different stages of such disease;

exposing the array, under hybridization conditions, to a first sample of cDNA probes constructed from mRNA obtained from a biological sample from a corresponding biological sample of a normal patient or from a test patient at a certain stage of the disease;

exposing the array, under hybridization conditions, to a second sample of cDNA probes constructed from mRNA obtained from a biological sample obtained from the test;

quantifying any hybridization between the first sample of cDNA probes and the second sample of cDNA probes with the oligonucleotide probes on the array; and

determining the relative expression of genes encoding the human homologue of a protein selected from the group consisting of: SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26,

28, 30, 33, 35, 37, 39, 41, 43, 46, 51, 53, 55, 57, 59, 63, 67, 69, 72, 74, and 76 in the biological samples from the normal patient and the test patient, or in the biological samples taken from the test patient at different stages of the disease.

22. (Currently Amended) A diagnostic kit for the detection of a cardiac, kidney or inflammatory disease comprising an the array of Claim 20.

23. (Cancelled)

24. (Previously Added) The diagnostic kit of Claim 22 wherein said biological sample is from blood or a tissue.

25. (Currently Amended) The diagnostic kit of Claim ~~24~~ 24 wherein said tissue is a cardiac tissue.

26. (Currently Amended) The diagnostic kit of Claim ~~22~~ 25 wherein said cardiac tissue is a left ventricular tissue.

27. (Newly Added) An isolated nucleic acid molecule comprising a poly- or oligonucleotide selected from the group consisting of:

(a) a polynucleotide encoding at least 50 contiguous amino acids from amino acids 1 to 148 of SEQ ID NO: 2;

(b) a polynucleotide encoding a polypeptide having at least 75% sequence identity with amino acids 1 to 203 of SEQ ID NO: 2 and

(c) a polynucleotide of SEQ ID NO: 1

28. (Newly Added) A vector comprising and capable of expressing the poly- or oligonucleotide of Claim 27.

29. (Newly Added) A recombinant host cell transformed with nucleic acid comprising the poly- or oligonucleotide of Claim 27.

30. (Newly Added) A recombinant host cell transformed with the vector of Claim 28.

31. (Newly Added) A method for producing a polypeptide comprising culturing a recombinant host cell transformed with nucleic acid comprising any of the polynucleotides of Claim 27(a) – (c) under conditions such that the polypeptide is expressed, and isolating the polypeptide.